

**IN THE CLAIMS:**

Claims 1-20 cancelled.

21. (Currently Amended) A process for the production of wood strand board comprising

- a) applying a polyisocyanate to wood strands,
- b) monitoring the polyisocyanate/wood strand material in accordance with a method comprising the method of Claim

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(1) exposing a material to which binder has been applied to ultraviolet waves for a period of time sufficient to cause the binder to fluoresce,

(2) collecting visible waves emitted by the fluorescing binder,

(3) passing the collected ultraviolet waves from (2) through a filter which blocks ultraviolet waves,

(4) imaging the visible wave emissions of the fluorescing binder onto a video camera that converts the image to an electronic signal, and

(5) relaying the electronic signal generated by the video camera in (4) to a means for correlating dosage and distribution of binder to the electronic signal received

until the polyisocyanate dosage and distribution are within a previously determined acceptable range,

- c) forming the polyisocyanate/wood strand material into the desired shape or form, and
- d) subjecting the polyisocyanate/wood strand material to curing conditions.